

NEW JERSEY *N*EEKLY CROP WEATHER

New Jersey

Agricultural Statistics Service

In Cooperation With:

U.S. Department of Agriculture National Agricultural Statistics Service Agricultural Marketing Service U.S. Department of Commerce/N.O.A.A. **Rutgers University**

NOAA WEATHER RADIO STATIONS

Allentown

WXL-39 on the VHF-FM frequency of 162.40 Megahertz.

Atlantic City

KHB-38 on the VHF-FM frequency of 162.40 Megahertz.

New York City KWO-35 on the VHF-FM

frequency of 160.55 Megahertz.

Philadelphia

KIH-28 on the VHF-FM frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland

Phone: (856)691-0721

Sales 10:00AM Daily except Sunday.

Landisville

Phone: (856)697-2273 Direct Sales Daily

Swedesboro Phone: (856)476-0313

Hightstown

Phone: (609)448-0193

Auction Sales Mon-Wed-Fri-7pm

Volume 67 No. 13

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 7 am EDT Tuesday, July 5, 2005

Date: July 5, 2005

Rainfall amounts, none today, tenth of an inch with locally higher amounts tonight, quarter to half an inch with locally heavy amounts possible Wednesday.

Winds for spraying, south around 10 mph today, south 5 mph tonight, southwest around 10 mph Wednesday.

Relative humidity in percent, 45 to 55 today, 90 to 100 tonight, 50 to 60 Wednesday.

Dew points, near 70 through Wednesday.

Drying conditions, fair to good today, fair at best Wednesday.

Frost freeze or dew, some dew as well as possible wetting in showers tonight and Wednesday night.

Percent of possible sunshine, 50 today, 10 Wednesday.

There is a 20 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

There is little threat of cranberry scald today and Wednesday.

Hay cutting will be generally good today but poor on Wednesday with high humidity levels and scattered showers.

The latest 8 to 14 day outlook for the period July 12, 2005 through July 18, 2005 is calling for temperatures to average above normal and precipitation to total below

Climate summary for the week ending 8 am July 5, 2005

Temperatures averaged above normal north, near normal central and south, averaging 74 degrees north, 74 degrees central and 75 degrees south. Extremes were 92 degrees at Glassboro on June 30, 2005, and 50 degrees at Charlotteburg on June 3, 2005.

Weekly rainfall averaged 1.77 inches north, 3.76 inches central, and 2.00 inches south. The heaviest 24 hour total reported was 2.22 inches at New Brunswick on June 29, 2005, through June 30,2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 80 percent north, 95 percent central and 81 percent south.

Four inch soil temperatures averaged 75 degrees north, 76 degrees central and 75 degrees south.

	Wea	ther Sumr	mary for tr	ie week E	nding 8 ar	n ivionday	, July 4,	2005		
Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil
	Last Week	Since March 1		Last Week				1/		Moisture
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	2/
- Inches -				- Degrees -			- Base 50°F -			
				NO	RTH					
Belvidere Bridge	.76	12.39	-3.42	89	56	75	4	1024	92	58
Canoe Brook	1.71	14.87	-2.05	90	54	76	5	1204	281	84
Charlotteburg	2.01	16.99	14	87	50	71	3	971	242	85
Flemington	3.39	18.53	2.32	91	54	74	2	1119	163	90
Newton	1.00	13.91	-1.57	88	57	75	6	1051	238	70
				CEN.	TRAL					
Freehold	2.57	18.14	2.27	89	57	74	2	1126	75	93
Long Branch	3.52	17.62	1.74	85	63	73	1	1087	107	86
New Brunswick	4.20	16.88	1.34	91	57	75	1	1175	55	94
Toms River	3.00	18.04	2.19	89	59	74	1	1043	63	87
Trenton	5.49	17.76	3.21	91	61	76	2	1186	17	93
				SO	JTH					
Cape May C.H.	1.88	14.63	.62	81	53	68	-5	874	-187	70
Downstown	2.06	13.74	62	90	60	75	1	1099	- 87	85
Glassboro	.93	14.68	82	92	62	77	3	1288	123	55
Hammonton	2.37	14.52	64	90	61	76	2	1152	- 6	84
Pomona	2.72	15.71	1.99	86	61	74	1	1051	-13	85
Seabrook	2.06	14.79	.95	89	62	77	3	1315	122	86
South Harrison	1.69	15.38	16	89	63	76	NA	1220	NA	NA

*Departure from normal.

1/ Growing degree days since March 1, 2005, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

Summer Vegetable Harvest in Full Swing

Outdoor activities included cutting and baling hay, spraying, fertilizing pasture, irrigating, and harvesting vegetables. Days suitable for field work, for the week ending Sunday, July 3, 2005, were 5.8. Topsoil moisture was rated 54% short and 46% adequate. Irrigation water supply was rated 16% short and 84% adequate. There were measurable amounts of rainfall during the week, with New Brunswick receiving over two inches of rain on June 29, 2005 through June 30, 2005. Temperatures were above normal north, and near normal in the central and south. Planting of soybeans continued throughout the state. Second cutting of hay continued across the state. Field crops rated in fair to good condition across the state. Diseases on